



Abstract of the Disclosure

A system that facilitate data packet transportation includes multiplexing time-sensitive TDM (Time Division Multiplexed) and other synchronous data, and asynchronous data traffic, onto a communication channel in a manner that minimizes jitter in the delivery of the TDM data traffic while efficiently transporting asynchronous data traffic. The system may also include dynamic bandwidth sharing on a communication ring. The dynamic sharing aspect of the system facilitates the efficient utilization of bandwidth of communication rings, particularly in those rings that cover large geographic areas.